

# Product Datasheet

## Characteristic

# ZCKM1

limit switch body ZCKM - 1NC+1NO -  
snap action - Pg11



## Main

range of product	OsiSense XC
series name	Standard format
product or component type	Limit switch body
device short name	ZCKM
body type	Fixed
product compatibility	XCKM
associated head	ZCKD08 ZCKD06 ZCKD219 ZCKD41 ZCKD02 ZCKD81 ZCKD05 ZCKD109 ZCKD16 ZCKD23 ZCKD91 ZCKD029 ZCKD17 ZCKD59 ZCKD15 ZCKD21 ZCKD239 ZCKD10
body material	Metal
cable entry	3 entries tapped for Pg 11 cable gland
number of poles	2
contacts type and composition	1 NC + 1 NO
contact operation	Snap action
number of steps	1 1 position
contacts material	Silver plated contacts

## Complementary

local display	Without
electrical connection	Screw-clamp terminals 1 x 0.34...2 x 1.5 mm <sup>2</sup>
positive opening	With

minimum actuation speed	0.01 m/min
[Ie] rated operational current	3 A 240 V, AC-15, A300 EN/IEC 60947-5-1 appendix A 0.27 A 250 V, DC-13, Q300 EN/IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[Ui] rated insulation voltage	500 V 3)IEC 60947-1 contact block 300 VCSA C22.2 No 14 contact block 300 VUL 508 contact block
maximum resistance across terminals	0.25 mOhm IEC 60255-7 category 3
[Uimp] rated impulse withstand voltage	IEC 60664 6 kV IEC 60947-1 6 kV
short-circuit protection	10 A cartridge fuse gG
electrical durability	5000000 cycles, DC-13 120 V, 7 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13 24 V, 13 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C 5000000 cycles, DC-13 48 V, 9 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C
Maximum Width	2.52 in (64 mm)
height	2.52 in (64 mm)
Maximum Depth	1.18 in (30 mm)
Net Weight	0.46 lb(US) (0.21 kg)
terminals description ISO n°1	(21-22)NC (13-14)NO

## Environment

IP degree of protection	IP66
IK degree of protection	IK05
ambient air temperature for operation	-13...158 °F (-25...70 °C) standard environment
ambient air temperature for storage	-40...158 °F (-40...70 °C)
environmental characteristic	Standard environment

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP110614EN